

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replaces- ments	Total	Entry	Average	
A								
Accountants and Auditors	7,300	9,470	220	110	330	\$13.80	\$20.80	Bachelor's degree
Actors	1,940	2,780	80	40	130			Long-Term OJT
Administrative Law Judges, Adjudicators, and Hearing Officers	150	170	0	0	10			Experience plus Degree
Administrative Services Managers	2,550	3,330	80	40	120	\$12.20	\$22.70	Experience plus Degree
Adult Literacy, Remedial Education, and GED Teachers and Instructors	260	370	10	0	10	\$8.70	\$14.30	Bachelor's degree
Advertising and Promotions Managers	1,050	1,490	40	20	60	\$13.30	\$23.30	Experience plus Degree
Advertising Sales Agents	1,650	2,210	60	30	90	\$10.10	\$18.00	Moderate OJT
Aerospace Engineering and Operations Technicians	80	90	0	0	0	\$11.50	\$18.60	Associate degree
Aerospace Engineers	260	330	10	10	10	\$22.30	\$31.00	Bachelor's degree
Agricultural and Food Science Technicians	60	70	0	0	0	\$8.20	\$13.40	Associate degree
Agricultural Equipment Operators	110	140	0	0	10	\$7.90	\$10.70	Moderate OJT
Agricultural Inspectors	100	110	0	0	0	\$12.70	\$16.20	Related Experience
Agricultural Sciences Teachers, Postsecondary	130	180	10	0	10			Doctoral degree
Air Traffic Controllers	410	470	10	20	20	\$31.50	\$42.30	Long-Term OJT
Aircraft Cargo Handling Supervisors	100	130	0	0	10	\$8.80	\$17.40	Related Experience
Aircraft Mechanics and Service Technicians	700	820	10	20	30	\$14.50	\$19.70	Vocational
Aircraft Mechanics and Service Technicians, FAA Certified	860	870	0	20	20			Vocational
Airfield Operations Specialists	140	190	10	10	10			Short-Term OJT
Airline Pilots, Copilots, and Flight Engineers	1,550	1,540	0	40	40			Bachelor's degree
Amusement and Recreation Attendants	2,850	4,130	130	100	220	\$6.00	\$7.00	Short-Term OJT
Anesthesiologists	160	210	10	0	10			First professional degree
Animal Control Workers	160	230	10	10	20	\$8.00	\$12.00	Moderate OJT
Announcers	570	540	0	10	10	\$7.20	\$17.40	Long-Term OJT

*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

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Anthropologists and Archeologists	60	70	0	0	0	\$15.20	\$20.70	Master's degree
Appraisers and Assessors of Real Estate	860	1,270	40	30	70	\$9.50	\$17.20	Vocational
Arbitrators, Mediators, and Conciliators	160	260	10	0	10			Experience plus Degree
Architects, Except Landscape and Naval	390	530	10	0	20			Bachelor's degree
Architectural and Civil Drafters	610	790	20	20	40	\$11.00	\$16.10	Vocational
Archivists, Curators, and Museum Technicians	150	220	10	0	10	\$12.20	\$17.20	Master's degree
Art Directors	190	260	10	10	10	\$16.80	\$28.10	Experience plus Degree
Art, Drama, and Music Teachers, Postsecondary	390	530	10	10	30	\$32,100	\$51,300 *	Doctoral degree
Athletes and Sports Competitors	850	1,130	30	20	50	\$22,500	\$32,500 *	Long-Term OJT
Athletic Trainers	230	290	10	10	10	\$22,400	\$35,700 *	Bachelor's degree
Atmospheric and Space Scientists	60	70	0	0	0	\$18.70	\$31.30	Bachelor's degree
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	50	60	0	0	0	\$40,400	\$55,800 *	Doctoral degree
Audio and Video Equipment Technicians	860	1,100	20	30	50	\$9.50	\$12.00	Long-Term OJT
Audiologists	80	110	0	0	10	\$16.10	\$22.20	Master's degree
Audio-Visual Collections Specialists	60	80	0	0	0	\$10.40	\$21.20	Moderate OJT
Automotive Body and Related Repairers	1,440	1,830	40	40	80	\$10.10	\$16.20	Long-Term OJT
Automotive Glass Installers and Repairers	190	230	0	10	10			Long-Term OJT
Automotive Service Technicians and Mechanics	6,440	8,720	230	160	390	\$9.00	\$14.90	Vocational
Avionics Technicians	270	260	0	10	10	\$14.70	\$18.60	Vocational

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B								
Baggage Porters and Bellhops	250	340	10	10	20	\$6.10	\$8.80	Short-Term OJT
Bailiffs	60	90	0	0	0	\$9.30	\$13.80	Moderate OJT
Bakers	1,860	2,440	60	30	90	\$7.00	\$10.40	Long-Term OJT
Barbers	250	320	10	10	20			Vocational
Bartenders	1,770	2,180	40	70	110	\$5.90	\$7.50	Short-Term OJT
Bicycle Repairers	80	100	0	0	10	\$7.70	\$9.40	Moderate OJT
Bill and Account Collectors	5,890	7,970	210	150	360	\$9.50	\$13.00	Short-Term OJT
Billing and Posting Clerks and Machine Operators	4,230	5,020	80	100	180	\$9.10	\$11.80	Short-Term OJT
Bindery Workers	1,070	1,350	30	30	60	\$6.80	\$9.60	Moderate OJT
Biochemists and Biophysicists	180	280	10	10	20	\$18.90	\$28.10	Doctoral degree
Biological Science Teachers, Postsecondary	270	360	10	10	20	\$42,300	\$66,500 *	Doctoral degree
Biological Technicians	460	590	10	10	20	\$9.00	\$13.70	Associate degree
Biomedical Engineers	80	120	0	0	10			Bachelor's degree
Boilermakers	190	210	0	10	10	\$13.20	\$19.40	Long-Term OJT
Bookbinders	80	110	0	0	10	\$11.10	\$13.30	Moderate OJT
Bookkeeping, Accounting, and Auditing Clerks	13,550	15,540	200	270	460	\$8.70	\$12.30	Moderate OJT
Brickmasons and Blockmasons	1,310	1,710	40	30	70	\$18.00	\$25.10	Long-Term OJT
Broadcast Technicians	210	220	0	10	10	\$8.60	\$13.80	Vocational
Brokerage Clerks	410	290	0	10	10	\$10.60	\$14.20	Moderate OJT
Budget Analysts	510	630	10	10	20	\$17.50	\$23.70	Bachelor's degree
Bus and Truck Mechanics and Diesel Engine Specialists	4,410	5,580	120	110	230	\$10.70	\$15.50	Vocational
Bus Drivers, School	3,720	4,610	90	100	180	\$8.00	\$11.30	Short-Term OJT
Bus Drivers, Transit and Intercity	960	1,210	30	20	50			Moderate OJT
Business Teachers, Postsecondary	460	630	20	10	30	\$39,300	\$62,800 *	Doctoral degree
Butchers and Meat Cutters	1,060	1,130	10	30	30	\$9.30	\$13.50	Long-Term OJT

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C								
Cabinetmakers and Bench Carpenters	2,380	2,770	40	80	120	\$8.00	\$11.30	Long-Term OJT
Camera Operators, Television, Video, and Motion Picture	430	610	20	10	30	\$7.60	\$12.30	Moderate OJT
Cardiovascular Technologists and Technicians	220	380	20	10	20			Associate degree
Cargo and Freight Agents	670	760	10	10	20	\$9.40	\$12.90	Moderate OJT
Carpenters	16,310	20,820	450	300	750	\$11.00	\$15.40	Long-Term OJT
Carpet Installers	580	780	20	10	30	\$8.90	\$13.30	Moderate OJT
Cartographers and Photogrammetrists	100	120	0	0	10	\$12.30	\$20.00	Bachelor's degree
Cashiers	30,270	38,830	860	1380	2230	\$6.00	\$7.50	Short-Term OJT
Cement Masons and Concrete Finishers	3,130	3,650	50	30	80	\$9.80	\$14.60	Long-Term OJT
Cementing and Gluing Machine Operators and Tenders	230	270	10	10	10	\$7.00	\$9.50	Moderate OJT
Chefs and Head Cooks	920	1,060	20	30	40	\$7.20	\$10.70	Vocational
Chemical Engineers	170	200	0	0	10	\$23.80	\$31.60	Bachelor's degree
Chemical Equipment Operators and Tenders	190	260	10	0	10	\$8.20	\$12.00	Moderate OJT
Chemical Plant and System Operators	310	380	10	10	20	\$14.70	\$17.20	Long-Term OJT
Chemical Technicians	410	540	10	10	20	\$11.00	\$16.40	Associate degree
Chemistry Teachers, Postsecondary	130	180	10	0	10	\$41,700	\$77,200 *	Doctoral degree
Chemists	540	730	20	20	40	\$15.80	\$23.40	Bachelor's degree
Chief Executives	4,380	5,630	120	140	260	\$23.70	\$47.50	Experience plus Degree
Child Care Workers	2,350	3,750	140	90	230	\$5.90	\$7.60	Short-Term OJT
Child, Family, and School Social Workers	2,460	3,400	90	30	120	\$10.20	\$15.80	Bachelor's degree
Chiropractors	320	430	10	10	20	\$10.10	\$14.80	First professional degree
Choreographers	200	250	0	0	10			Related Experience
Civil Engineering Technicians	580	680	10	10	20	\$12.90	\$18.00	Associate degree
Civil Engineers	1,200	1,470	30	20	50	\$18.80	\$26.80	Bachelor's degree
Claims Adjusters, Examiners, and Investigators	900	1,260	40	10	50	\$12.60	\$20.90	Long-Term OJT
Cleaners of Vehicles and Equipment	2,740	3,630	90	110	200	\$6.20	\$8.10	Short-Term OJT
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	200	200	0	10	10			Moderate OJT
Clergy	60	80	0	0	0	\$10.10	\$18.10	Master's degree
Clinical, Counseling, and School Psychologists	1,460	2,140	70	40	110	\$15.20	\$21.20	Master's degree
Coaches and Scouts	630	830	20	10	30	\$19,000	\$39,500 *	Long-Term OJT

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Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	880	1,070	20	20	40	\$8.80	\$11.40	Moderate OJT
Coil Winders, Tapers, and Finishers	260	270	0	10	10			Short-Term OJT
Coin, Vending, and Amusement Machine Servicers and Repairers	220	300	10	10	10	\$9.30	\$14.00	Moderate OJT
Combined Food Preparation and Serving Workers, Including Fast Food	15,510	21,140	560	950	1510	\$6.00	\$6.90	Short-Term OJT
Commercial and Industrial Designers	580	860	30	10	40	\$12.80	\$20.40	Bachelor's degree
Commercial Pilots	110	150	0	0	10	\$26,900	\$42,500 *	Vocational
Communications Teachers, Postsecondary	140	190	10	0	10	\$37,400	\$57,900 *	Doctoral degree
Compensation, Benefits, and Job Analysis Specialists	640	850	20	10	30	\$14.20	\$20.40	Bachelor's degree
Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	950	1,230	30	20	50	\$14.00	\$20.00	Long-Term OJT
Computer and Information Scientists, Research	390	580	20	0	20	\$21.80	\$32.30	Doctoral degree
Computer and Information Systems Managers	2,040	3,160	110	40	150	\$19.00	\$33.80	Experience plus Degree
Computer Hardware Engineers	800	1,010	20	10	30	\$18.70	\$28.70	Bachelor's degree
Computer Operators	1,830	1,610	0	30	30	\$8.20	\$13.00	Moderate OJT
Computer Programmers	4,480	5,290	80	100	180	\$18.10	\$27.80	Bachelor's degree
Computer Science Teachers, Postsecondary	240	330	10	10	20	\$38,800	\$71,900 *	Doctoral degree
Computer Software Engineers, Applications	3,850	7,630	380	30	400	\$22.60	\$34.30	Bachelor's degree
Computer Software Engineers, Systems Software	1,870	3,470	160	10	170			Bachelor's degree
Computer Support Specialists	8,330	16,890	860	40	890	\$8.20	\$12.40	Associate degree
Computer Systems Analysts	3,610	5,690	210	30	240	\$18.80	\$25.90	Bachelor's degree
Computer, Automated Teller, and Office Machine Repairers	1,590	1,820	20	20	40	\$12.20	\$18.80	Vocational
Computer-Controlled Machine Tool Operators, Metal and Plastic	910	1,190	30	30	60	\$10.60	\$14.00	Long-Term OJT
Concierges	230	320	10	10	20	\$7.10	\$9.00	Related Experience
Conservation Scientists	180	200	0	10	10	\$17.80	\$23.70	Bachelor's degree
Construction and Building Inspectors	410	510	10	10	20	\$13.90	\$18.50	Related Experience
Construction Laborers	7,150	9,390	220	70	290	\$8.20	\$11.20	Moderate OJT
Construction Managers	2,440	3,290	90	40	130	\$18.40	\$28.70	Bachelor's degree
Continuous Mining Machine Operators	370	390	0	10	20			Moderate OJT

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Control and Valve Installers and Repairers, Except Mechanical Door	660	740	10	20	30	\$14.20	\$18.60	Moderate OJT
Conveyor Operators and Tenders	170	210	0	10	10	\$9.00	\$12.30	Short-Term OJT
Cooks, Fast Food	6,850	7,050	20	200	220	\$5.90	\$6.70	Short-Term OJT
Cooks, Institution and Cafeteria	3,870	4,750	90	110	200	\$6.60	\$8.80	Long-Term OJT
Cooks, Restaurant	4,060	5,170	110	120	230	\$7.50	\$9.20	Long-Term OJT
Cooks, Short Order	1,350	1,570	20	40	60	\$6.20	\$7.30	Short-Term OJT
Cooling and Freezing Equipment Operators and Tenders	110	120	0	0	0	\$7.90	\$10.90	Moderate OJT
Correctional Officers and Jailers	2,050	3,080	100	50	150	\$12.40	\$14.90	Moderate OJT
Correspondence Clerks	270	340	10	10	20	\$9.80	\$12.60	Short-Term OJT
Cost Estimators	1,580	2,020	40	40	80	\$13.10	\$22.10	Bachelor's degree
Counter and Rental Clerks	4,030	5,440	140	180	330	\$6.20	\$8.60	Short-Term OJT
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	5,130	6,190	110	400	500	\$6.00	\$7.00	Short-Term OJT
Couriers and Messengers	1,370	1,520	20	40	50	\$6.30	\$8.50	Short-Term OJT
Court Reporters	100	130	0	0	10	\$11.20	\$15.20	Vocational
Court, Municipal, and License Clerks	1,230	1,660	40	20	60	\$6.00	\$10.30	Short-Term OJT
Crane and Tower Operators	280	310	0	10	10	\$13.40	\$18.20	Moderate OJT
Credit Analysts	590	750	20	10	30	\$10.90	\$20.30	Bachelor's degree
Credit Authorizers, Checkers, and Clerks	2,070	2,310	20	20	40	\$8.10	\$12.20	Short-Term OJT
Crossing Guards	990	1,290	30	30	60	\$6.00	\$8.00	Short-Term OJT
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	870	1,000	10	20	30	\$10.60	\$15.70	Moderate OJT
Customer Service Representatives	21,410	31,080	970	180	1150	\$8.60	\$11.30	Moderate OJT
Cutters and Trimmers, Hand	190	220	0	0	10	\$7.40	\$9.50	Short-Term OJT
Cutting and Slicing Machine Setters, Operators, and Tenders	770	870	10	10	20	\$8.00	\$11.40	Moderate OJT
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	920	930	0	20	20	\$8.80	\$11.30	Moderate OJT

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D								
Dancers	200	240	0	0	10	\$6.20	\$11.00	Long-Term OJT
Data Entry Keyers	5,580	6,180	60	90	150	\$7.80	\$9.90	Moderate OJT
Database Administrators	680	1,160	50	0	50	\$17.50	\$26.80	Bachelor's degree
Demonstrators and Product Promoters	1,060	1,370	30	40	70	\$8.60	\$10.70	Moderate OJT
Dental Assistants	3,340	4,410	110	60	170	\$7.50	\$9.80	Moderate OJT
Dental Hygienists	820	1,080	30	10	40			Associate degree
Dental Laboratory Technicians	460	600	10	10	30	\$7.50	\$11.20	Long-Term OJT
Dentists	1,120	1,460	30	30	60	\$25.10	\$48.20	First professional degree
Derrick Operators, Oil and Gas	100	90	0	0	0	\$12.60	\$14.70	Moderate OJT
Desktop Publishers	240	450	20	0	30	\$9.30	\$13.00	Vocational
Detectives and Criminal Investigators	430	600	20	10	30	\$15.00	\$21.00	Related Experience
Diagnostic Medical Sonographers	160	230	10	0	10	\$19.10	\$22.20	Associate degree
Dietetic Technicians	220	310	10	10	20	\$6.50	\$9.10	Moderate OJT
Dietitians and Nutritionists	310	420	10	10	20	\$14.00	\$18.50	Bachelor's degree
Dining Room and Cafeteria Attendants and Bartender Helpers	3,360	3,370	0	110	110	\$6.10	\$6.90	Short-Term OJT
Directors, Religious Activities and Education	110	150	0	0	10	\$13.50	\$21.00	Bachelor's degree
Dishwashers	3,080	3,020	0	120	120	\$6.00	\$7.00	Short-Term OJT
Dispatchers, Except Police, Fire, and Ambulance	1,730	2,150	40	30	70	\$11.30	\$17.30	Moderate OJT
Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	160	170	0	10	10	\$6.00	\$11.90	Short-Term OJT
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	260	260	0	10	10	\$8.40	\$11.30	Moderate OJT
Driver/Sales Workers	3,280	3,750	50	50	90	\$6.00	\$11.60	Short-Term OJT
Drywall and Ceiling Tile Installers	2,230	2,790	60	20	80	\$10.80	\$14.50	Moderate OJT

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Earth Drillers, Except Oil and Gas	350	410	10	10	10	\$12.00	\$16.50	Moderate OJT
Economics Teachers, Postsecondary	110	140	0	0	10	\$47,300	\$75,400 *	Doctoral degree
Economists	60	80	0	0	0	\$12.20	\$20.60	Bachelor's degree
Editors	910	1,290	40	30	70	\$25,400	\$42,900 *	Bachelor's degree
Education Administrators, Elementary and Secondary School	1,370	1,870	50	40	90	\$57,600	\$66,900 *	Experience plus Degree
Education Administrators, Postsecondary	1,010	1,250	20	30	50	\$17.40	\$28.30	Experience plus Degree
Education Administrators, Preschool and Child Care Center/Program	330	470	20	10	20	\$9.90	\$18.00	Experience plus Degree
Education Teachers, Postsecondary	320	440	10	10	20	\$33,000	\$50,200 *	Doctoral degree
Educational, Vocational, and School Counselors	1,850	2,630	80	40	120	\$10.40	\$16.50	Master's degree
Electric Motor, Power Tool, and Related Repairers	470	520	10	10	20	\$10.10	\$16.80	Vocational
Electrical and Electronic Engineering Technicians	2,300	2,690	40	50	90	\$8.80	\$17.50	Associate degree
Electrical and Electronic Equipment Assemblers	1,100	1,040	0	30	30	\$7.90	\$10.60	Short-Term OJT
Electrical and Electronics Drafters	390	480	10	10	20	\$11.20	\$18.30	Vocational
Electrical and Electronics Installers and Repairers, Transportation Equipment	60	70	0	0	0	\$9.30	\$15.30	Vocational
Electrical and Electronics Repairers, Commercial and Industrial Equipment	880	860	0	20	20	\$13.60	\$18.70	Vocational
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	250	260	0	10	10	\$20.50	\$25.00	Vocational
Electrical Engineers	680	790	10	10	20	\$22.20	\$31.50	Bachelor's degree
Electrical Power-Line Installers and Repairers	990	1,170	20	30	50	\$14.20	\$21.70	Long-Term OJT
Electricians	6,660	8,780	210	130	340	\$12.90	\$18.60	Long-Term OJT
Electromechanical Equipment Assemblers	390	440	10	10	20	\$9.70	\$12.70	Short-Term OJT
Electro-Mechanical Technicians	380	430	10	10	10	\$15.20	\$19.10	Associate degree
Electronic Equipment Installers and Repairers, Motor Vehicles	100	110	0	0	0			Vocational
Electronic Home Entertainment Equipment Installers and Repairers	880	960	10	20	30	\$10.90	\$13.80	Vocational
Electronics Engineers, Except Computer	920	950	0	20	20	\$24.20	\$30.20	Bachelor's degree
Elementary School Teachers, Except Special Education	10,230	14,000	380	230	610	\$26,500	\$37,400 *	Bachelor's degree

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Eligibility Interviewers, Government Programs	110	120	0	0	0	\$9.90	\$12.50	Moderate OJT
Emergency Management Specialists	120	170	10	0	10	\$16.00	\$22.90	Related Experience
Emergency Medical Technicians and Paramedics	1,430	2,170	70	40	110	\$7.50	\$10.10	Vocational
Employment, Recruitment, and Placement Specialists	1,090	1,310	20	20	40	\$12.40	\$18.90	Bachelor's degree
Engine and Other Machine Assemblers	60	70	0	0	0	\$12.40	\$15.60	Short-Term OJT
Engineering Managers	2,420	2,800	40	40	80	\$26.20	\$37.30	Experience plus Degree
Engineering Teachers, Postsecondary	430	580	20	10	30	\$44,300	\$76,100 *	Doctoral degree
English Language and Literature Teachers, Postsecondary	330	450	10	10	20	\$36,700	\$51,000 *	Doctoral degree
Environmental Engineering Technicians	120	180	10	0	10	\$12.10	\$17.50	Associate degree
Environmental Engineers	290	410	10	10	20	\$20.60	\$27.60	Bachelor's degree
Environmental Science and Protection Technicians, Including Health	290	410	10	10	20	\$11.90	\$18.20	Associate degree
Environmental Science Teachers, Postsecondary	70	100	0	0	10	\$38,000	\$67,300 *	Doctoral degree
Environmental Scientists and Specialists, Including Health	640	880	20	20	50	\$16.80	\$22.60	Bachelor's degree
Epidemiologists	50	70	0	0	0	\$17.30	\$24.60	Doctoral degree
Etchers and Engravers	60	80	0	0	0	\$9.30	\$11.00	Long-Term OJT
Excavating and Loading Machine and Dragline Operators	570	770	20	20	40	\$11.60	\$15.90	Moderate OJT
Executive Secretaries and Administrative Assistants	10,670	12,960	230	180	410	\$11.00	\$14.90	Moderate OJT
Explosives Workers, Ordnance Handling Experts, and Blasters	70	70	0	0	0	\$16.10	\$18.60	Moderate OJT
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	830	930	10	20	30	\$9.50	\$12.20	Moderate OJT
Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	140	140	0	0	0	\$8.10	\$11.10	Moderate OJT
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	720	890	20	20	30	\$7.70	\$10.70	Moderate OJT

*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replaces- ments	Total	Entry	Average	
F								
Family and General Practitioners	1,130	1,410	30	20	50	\$37.60	\$56.60	First professional degree
Farm Equipment Mechanics	520	610	10	10	20			Vocational
Farm, Ranch, and Other Agricultural Managers	2,870	2,890	0	30	40	\$17.10	\$23.60	Experience plus Degree
Farmers and Ranchers	13,360	8,600	0	110	110			Long-Term OJT
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,280	1,520	20	40	70			Long-Term OJT
Farmworkers, Farm and Ranch Animals	120	140	0	0	10	\$6.30	\$9.10	Moderate OJT
Fence Erectors	550	670	10	10	20			Moderate OJT
Fiberglass Laminators and Fabricators	230	280	10	0	10			Moderate OJT
File Clerks	2,120	2,510	40	70	110	\$7.10	\$9.60	Short-Term OJT
Film and Video Editors	110	140	0	0	10	\$9.20	\$16.10	Bachelor's degree
Financial Analysts	710	920	20	10	30	\$17.00	\$33.30	Bachelor's degree
Financial Examiners	350	450	10	10	20	\$13.40	\$22.30	Bachelor's degree
Financial Managers	5,600	7,130	150	90	240	\$15.00	\$29.00	Experience plus Degree
Fine Artists, Including Painters, Sculptors, and Illustrators	360	500	10	10	20			Long-Term OJT
Fire Fighters	2,870	3,850	100	70	170	\$7.80	\$13.00	Long-Term OJT
Fire Inspectors and Investigators	50	70	0	0	0	\$14.90	\$20.80	Related Experience
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	7,070	9,800	270	180	460	\$14.80	\$20.60	Related Experience
First-Line Supervisors/Managers of Correctional Officers	340	510	20	10	20	\$18.00	\$21.30	Related Experience

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	120	160	0	0	10	\$13.10	\$17.60	Moderate OJT
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	470	620	20	20	30	\$17.30	\$24.60	Related Experience
First-Line Supervisors/Managers of Food Preparation and Serving Workers	6,570	7,910	130	170	300	\$9.20	\$11.80	Related Experience
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,300	1,610	30	30	60	\$11.70	\$17.00	Related Experience
First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,630	2,310	70	50	110	\$9.10	\$13.40	Related Experience
First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1,130	1,590	50	10	50	\$10.90	\$14.90	Related Experience
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	3,580	4,490	90	90	190	\$12.60	\$20.90	Related Experience
First-Line Supervisors/Managers of Non-Retail Sales Workers	3,460	4,110	70	60	120	\$12.10	\$21.70	Related Experience
First-Line Supervisors/Managers of Office and Administrative Support Workers	9,700	12,000	230	190	420	\$11.10	\$17.20	Related Experience
First-Line Supervisors/Managers of Personal Service Workers	820	1,130	30	30	60	\$8.30	\$13.50	Related Experience
First-Line Supervisors/Managers of Police and Detectives	900	1,250	40	20	60	\$20.80	\$25.90	Related Experience
First-Line Supervisors/Managers of Production and Operating Workers	6,030	6,600	60	160	220	\$12.30	\$19.20	Related Experience
First-Line Supervisors/Managers of Retail Sales Workers	14,970	19,340	440	240	680	\$9.20	\$14.70	Related Experience
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	1,490	1,890	40	30	70	\$11.30	\$19.20	Related Experience
Fish and Game Wardens	70	80	0	0	0	\$13.10	\$17.10	Long-Term OJT
Fitness Trainers and Aerobics Instructors	2,150	3,350	120	50	170	\$8.90	\$17.10	Vocational
Flight Attendants	1,250	1,380	10	40	60			Long-Term OJT
Floor Sanders and Finishers	190	270	10	0	10			Moderate OJT
Floral Designers	810	1,030	20	10	30	\$6.80	\$9.10	Moderate OJT

*Annual Wage.

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Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	100	120	0	0	10	\$7.30	\$8.90	Short-Term OJT
Food Batchmakers	790	930	10	20	30	\$7.00	\$10.40	Short-Term OJT
Food Cooking Machine Operators and Tenders	560	640	10	10	20	\$8.60	\$11.10	Short-Term OJT
Food Preparation Workers	7,130	9,050	190	280	470	\$6.10	\$7.90	Short-Term OJT
Food Scientists and Technologists	180	190	0	10	10			Bachelor's degree
Food Servers, Nonrestaurant	730	1,020	30	30	60	\$6.10	\$7.50	Short-Term OJT
Food Service Managers	3,590	4,550	100	50	140	\$9.90	\$15.00	Related Experience
Foreign Language and Literature Teachers, Postsecondary	100	140	0	0	10	\$37,700	\$55,500 *	Doctoral degree
Forensic Science Technicians	90	120	0	0	10			Associate degree
Forest and Conservation Technicians	490	580	10	20	30	\$9.60	\$12.80	Associate degree
Foresters	150	170	0	10	10	\$13.80	\$19.50	Bachelor's degree
Forestry and Conservation Science Teachers, Postsecondary	60	80	0	0	0			Doctoral degree
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	390	400	0	10	10	\$9.70	\$12.70	Moderate OJT
Foundry Mold and Coremakers	230	240	0	10	10	\$8.60	\$11.40	Moderate OJT
Funeral Attendants	160	240	10	0	10	\$7.80	\$15.00	Short-Term OJT
Funeral Directors	140	190	10	0	10	\$18.00	\$26.60	Associate degree
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	110	130	0	0	10	\$10.10	\$14.60	Moderate OJT
Furniture Finishers	420	490	10	20	30	\$8.50	\$12.60	Long-Term OJT

*Annual Wage.

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Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

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	2000	2010	Growth	Replacements	Total	Entry	Average	
G								
Gas Plant Operators	210	190	0	10	10	\$15.90	\$20.60	Long-Term OJT
General and Operations Managers	17,140	21,360	420	290	710	\$15.20	\$30.40	Experience plus Degree
Geological and Petroleum Technicians	70	70	0	0	0	\$14.10	\$24.20	Associate degree
Geoscientists, Except Hydrologists and Geographers	120	150	0	0	10	\$19.00	\$26.00	Bachelor's degree
Glaziers	730	910	20	10	30	\$10.40	\$15.40	Long-Term OJT
Graders and Sorters, Agricultural Products	720	830	10	20	30	\$7.40	\$9.10	Related Experience
Graduate Teaching Assistants	1,630	2,210	60	50	100			Bachelor's degree
Graphic Designers	1,520	2,150	60	20	80	\$10.90	\$16.70	Bachelor's degree
Grinding and Polishing Workers, Hand	570	710	10	10	30	\$8.00	\$10.40	Moderate OJT
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	910	1,020	10	20	30	\$7.70	\$10.50	Moderate OJT

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
H								
Hairdressers, Hairstylists, and Cosmetologists	4,200	6,540	230	120	360	\$7.30	\$10.00	Vocational
Hazardous Materials Removal Workers	230	350	10	10	20	\$12.20	\$15.80	Moderate OJT
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	700	1,080	40	10	50			Bachelor's degree
Health Educators	170	230	10	0	10	\$12.60	\$18.70	Master's degree
Health Specialties Teachers, Postsecondary	200	280	10	10	10	\$30,800	\$45,800 *	Doctoral degree
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	140	160	0	0	10	\$9.10	\$12.60	Moderate OJT
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,590	3,680	110	30	140	\$11.30	\$16.30	Long-Term OJT
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	1,110	1,420	30	60	90	\$8.40	\$11.10	Short-Term OJT
Helpers--Carpenters	2,210	2,710	50	110	160	\$6.50	\$8.30	Short-Term OJT
Helpers--Electricians	430	550	10	20	30	\$8.30	\$11.40	Short-Term OJT
Helpers--Extraction Workers	430	460	0	20	20	\$10.10	\$14.30	Short-Term OJT
Helpers--Installation, Maintenance, and Repair Workers	1,230	1,600	40	60	100	\$7.00	\$10.30	Short-Term OJT
Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	560	710	20	30	40	\$7.50	\$9.20	Short-Term OJT
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	580	730	20	30	40	\$7.00	\$9.50	Short-Term OJT
Helpers--Production Workers	4,330	5,130	80	110	190	\$6.90	\$9.10	Short-Term OJT
Helpers--Roofers	320	430	10	20	30	\$8.00	\$9.50	Short-Term OJT
Highway Maintenance Workers	850	1,090	20	10	40	\$11.50	\$15.40	Moderate OJT
History Teachers, Postsecondary	120	170	0	0	10	\$42,400	\$62,800 *	Doctoral degree
Hoist and Winch Operators	80	110	0	0	10			Moderate OJT
Home Appliance Repairers	160	210	10	0	10	\$11.00	\$14.70	Long-Term OJT
Home Economics Teachers, Postsecondary	60	70	0	0	0	\$38,700	\$55,500 *	Doctoral degree
Home Health Aides	2,200	3,110	90	30	120	\$7.10	\$9.40	Short-Term OJT
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,530	3,030	50	80	130	\$6.00	\$7.20	Short-Term OJT
Hotel, Motel, and Resort Desk Clerks	2,050	3,430	140	90	230	\$7.00	\$8.40	Short-Term OJT
Human Resources Assistants, Except Payroll and Timekeeping	1,200	1,510	30	30	60	\$10.40	\$14.10	Short-Term OJT
Human Resources Managers	1,480	1,810	30	30	60	\$16.50	\$27.10	Experience plus Degree
Hydrologists	130	180	10	0	10	\$20.00	\$29.40	Bachelor's degree

*Annual Wage.

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

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	2000	2010	Growth	Replacements	Total	Entry	Average	
I								
Industrial Engineering Technicians	710	800	10	20	20	\$12.40	\$19.00	Associate degree
Industrial Engineers	1,050	1,190	20	20	30	\$19.10	\$27.30	Bachelor's degree
Industrial Machinery Mechanics	1,630	1,870	20	50	70	\$14.60	\$19.90	Long-Term OJT
Industrial Production Managers	1,660	1,950	30	30	60	\$18.10	\$29.80	Bachelor's degree
Industrial Truck and Tractor Operators	4,240	4,960	70	60	130	\$9.20	\$11.90	Short-Term OJT
Inspectors, Testers, Sorters, Samplers, and Weighers	3,180	3,200	0	70	70	\$8.80	\$14.10	Moderate OJT
Instructional Coordinators	1,100	1,540	40	20	60	\$10.10	\$16.20	Master's degree
Insulation Workers	610	780	20	20	40			Moderate OJT
Insurance Claims and Policy Processing Clerks	1,750	1,660	0	30	30	\$9.60	\$12.30	Moderate OJT
Insurance Sales Agents	2,820	3,750	90	80	170	\$14.10	\$23.80	Bachelor's degree
Insurance Underwriters	310	400	10	10	10	\$13.00	\$19.20	Bachelor's degree
Interior Designers	280	360	10	0	10	\$11.20	\$20.60	Bachelor's degree
Internists, General	140	200	10	0	10	\$53.50	\$63.20	First professional degree
Interpreters and Translators	350	480	10	10	20	\$8.30	\$12.50	Long-Term OJT
Interviewers, Except Eligibility and Loan	2,630	4,030	140	60	200	\$6.10	\$7.90	Short-Term OJT

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

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J								
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	17,470	23,100	560	320	880	\$6.30	\$8.70	Short-Term OJT
Jewelers and Precious Stone and Metal Workers	670	950	30	20	50			Vocational
Job Printers	550	720	20	10	30	\$9.30	\$14.60	Long-Term OJT
Judges, Magistrate Judges, and Magistrates	240	290	10	10	10	\$16.50	\$35.70	Experience plus Degree

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
K								
Kindergarten Teachers, Except Special Education	560	770	20	10	30	\$21,700	\$33,400 *	Bachelor's degree

*Annual Wage.

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Alphabetical Listing

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	2000	2010	Growth	Replacements	Total	Entry	Average	
L								
Laborers and Freight, Stock, and Material Movers, Hand	12,990	15,520	250	440	690	\$7.10	\$9.90	Short-Term OJT
Landscape Architects	120	180	10	0	10	\$16.40	\$23.50	Bachelor's degree
Landscaping and Groundskeeping Workers	6,160	8,790	260	160	420	\$7.10	\$9.50	Short-Term OJT
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	350	350	0	10	10	\$9.00	\$13.50	Moderate OJT
Laundry and Dry-Cleaning Workers	1,480	1,690	20	40	60	\$6.70	\$8.10	Moderate OJT
Law Clerks	640	760	10	10	20	\$9.40	\$14.00	Bachelor's degree
Lawyers	3,860	5,210	140	30	160	\$30.50	\$49.20	First professional degree
Lay-Out Workers, Metal and Plastic	160	160	0	0	0	\$10.80	\$13.40	Moderate OJT
Legal Secretaries	1,910	2,470	60	30	90	\$11.70	\$14.70	Vocational
Legislators	1,150	1,620	50	40	80	\$6.00	\$9.80	Experience plus Degree
Librarians	1,180	1,500	30	30	60	\$11.30	\$18.30	Master's degree
Library Assistants, Clerical	790	1,040	30	40	60	\$6.20	\$7.60	Short-Term OJT
Library Technicians	1,510	2,150	60	70	130	\$7.10	\$9.70	Short-Term OJT
Licensed Practical and Licensed Vocational Nurses	3,210	4,140	90	80	180	\$10.90	\$14.10	Vocational
Loan Counselors	160	230	10	0	10			Bachelor's degree
Loan Interviewers and Clerks	1,710	1,550	0	10	10	\$10.10	\$13.10	Short-Term OJT
Loan Officers	2,880	3,730	90	60	140	\$12.90	\$20.30	Bachelor's degree
Locker Room, Coatroom, and Dressing Room Attendants	110	140	0	0	10	\$6.10	\$8.30	Related Experience
Locksmiths and Safe Repairers	90	120	0	0	10	\$9.00	\$14.00	Moderate OJT
Locomotive Engineers	460	710	30	20	50	\$19.00	\$22.80	Short-Term OJT
Lodging Managers	570	860	30	10	40	\$11.50	\$16.40	Related Experience
Logging Equipment Operators	70	80	0	0	0	\$8.10	\$11.90	Moderate OJT

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

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M								
Machine Feeders and Offbearers	890	880	0	30	30	\$6.90	\$10.10	Short-Term OJT
Machinists	3,010	3,390	40	60	100	\$11.40	\$16.00	Long-Term OJT
Maids and Housekeeping Cleaners	9,340	13,950	460	210	670	\$6.10	\$7.50	Short-Term OJT
Mail Clerks and Mail Machine Operators, Except Postal Service	2,140	2,240	10	60	70	\$8.10	\$9.70	Short-Term OJT
Maintenance and Repair Workers, General	8,720	10,330	160	110	270	\$8.70	\$13.70	Long-Term OJT
Maintenance Workers, Machinery	1,070	1,260	20	30	50	\$11.10	\$15.90	Long-Term OJT
Management Analysts	2,210	3,180	100	20	120	\$18.40	\$31.30	Experience plus Degree
Manicurists and Pedicurists	90	150	10	0	10			Vocational
Market Research Analysts	620	800	20	10	30	\$13.30	\$23.40	Bachelor's degree
Marketing Managers	1,960	2,730	80	30	110	\$20.10	\$34.50	Experience plus Degree
Marriage and Family Therapists	100	140	0	0	10	\$14.40	\$19.00	Master's degree
Massage Therapists	390	590	20	10	30	\$8.50	\$17.90	Vocational
Materials Engineers	210	230	0	10	10	\$19.60	\$29.10	Bachelor's degree
Mathematical Science Teachers, Postsecondary	310	420	10	10	20	\$39,800	\$70,400 *	Doctoral degree
Meat, Poultry, and Fish Cutters and Trimmers	550	680	10	10	30			Short-Term OJT
Mechanical Door Repairers	60	80	0	0	0			Moderate OJT
Mechanical Drafters	650	800	20	20	40	\$13.40	\$19.20	Vocational
Mechanical Engineering Technicians	760	930	20	20	30	\$15.50	\$20.00	Associate degree
Mechanical Engineers	1,660	1,990	30	50	80	\$21.70	\$29.10	Bachelor's degree
Medical and Clinical Laboratory Technicians	1,240	1,630	40	30	70	\$7.80	\$10.90	Associate degree
Medical and Clinical Laboratory Technologists	1,000	1,320	30	20	60	\$13.30	\$19.10	Bachelor's degree
Medical and Health Services Managers	1,640	2,460	80	30	110	\$18.00	\$29.70	Experience plus Degree
Medical and Public Health Social Workers	520	760	20	10	30	\$11.20	\$18.90	Bachelor's degree
Medical Appliance Technicians	1,190	1,530	30	30	70	\$8.80	\$11.70	Long-Term OJT
Medical Assistants	2,860	3,990	110	80	190	\$8.20	\$10.10	Moderate OJT
Medical Equipment Preparers	360	490	10	10	20			Short-Term OJT
Medical Equipment Repairers	220	290	10	10	10	\$12.60	\$14.10	Moderate OJT
Medical Records and Health Information Technicians	1,040	1,520	50	20	70	\$8.30	\$11.20	Associate degree
Medical Scientists, Except Epidemiologists	820	1,260	40	20	60			Doctoral degree
Medical Secretaries	1,850	2,440	60	30	90	\$9.00	\$11.50	Vocational
Medical Transcriptionists	450	620	20	10	30	\$8.80	\$12.00	Vocational

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Meeting and Convention Planners	420	580	20	10	20	\$10.50	\$15.00	Bachelor's degree
Mental Health and Substance Abuse Social Workers	590	860	30	10	30	\$12.90	\$17.60	Master's degree
Mental Health Counselors	820	1,130	30	20	50	\$8.90	\$14.50	Master's degree
Merchandise Displayers and Window Trimmers	600	710	10	10	20	\$7.40	\$10.60	Moderate OJT
Metal-Refining Furnace Operators and Tenders	200	230	0	10	10	\$11.10	\$15.40	Moderate OJT
Meter Readers, Utilities	280	230	0	10	10	\$9.40	\$12.70	Short-Term OJT
Microbiologists	120	160	0	0	10	\$14.10	\$21.80	Doctoral degree
Middle School Teachers, Except Special and Vocational Education	5,410	7,180	180	120	300	\$27,800	\$38,900 *	Bachelor's degree
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	720	710	0	20	20	\$9.00	\$11.40	Moderate OJT
Millwrights	370	400	0	10	10	\$12.10	\$18.00	Long-Term OJT
Mine Cutting and Channeling Machine Operators	550	650	10	20	30			Related Experience
Mining and Geological Engineers, Including Mining Safety Engineers	110	120	0	0	0	\$22.10	\$35.70	Bachelor's degree
Mixing and Blending Machine Setters, Operators, and Tenders	760	970	20	20	40	\$8.30	\$11.30	Moderate OJT
Mobile Heavy Equipment Mechanics, Except Engines	1,470	1,760	30	40	70	\$12.80	\$17.10	Vocational
Model Makers, Metal and Plastic	210	230	0	10	10			Moderate OJT
Model Makers, Wood	100	120	0	0	10	\$8.50	\$10.90	Long-Term OJT
Molders, Shapers, and Casters, Except Metal and Plastic	360	430	10	10	20	\$7.90	\$11.20	Moderate OJT
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	750	920	20	20	30	\$8.50	\$10.80	Moderate OJT
Motion Picture Projectionists	70	50	0	0	0	\$6.00	\$7.60	Short-Term OJT
Motorboat Mechanics	150	200	10	0	10	\$10.50	\$13.90	Long-Term OJT
Motorcycle Mechanics	230	290	10	10	10	\$9.40	\$14.10	Long-Term OJT
Multi-Media Artists and Animators	1,670	2,310	60	40	110	\$11.40	\$18.70	Bachelor's degree
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	670	800	10	10	20	\$9.50	\$13.70	Moderate OJT
Music Directors and Composers	60	70	0	0	0	\$27,100	\$42,300 *	Experience plus Degree
Musicians and Singers	420	610	20	10	30	\$12,700	\$37,900 *	Long-Term OJT

*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
N								
Natural Sciences Managers	720	870	10	10	30	\$20.60	\$32.10	Experience plus Degree
Network and Computer Systems Administrators	1,610	2,920	130	10	140	\$16.90	\$24.30	Bachelor's degree
Network Systems and Data Communications Analysts	1,110	1,910	80	10	80	\$15.40	\$24.50	Bachelor's degree
New Accounts Clerks	610	750	20	10	30	\$9.50	\$10.60	Related Experience
News Analysts, Reporters and Correspondents	420	490	10	10	20	\$11.00	\$19.20	Long-Term OJT
Nonfarm Animal Caretakers	610	850	20	10	40	\$6.40	\$9.10	Short-Term OJT
Nuclear Medicine Technologists	50	80	0	0	0			Associate degree
Numerical Tool and Process Control Programmers	140	160	0	10	10	\$13.90	\$17.00	Long-Term OJT
Nursing Aides, Orderlies, and Attendants	8,340	11,800	350	110	450	\$7.60	\$8.70	Short-Term OJT
Nursing Instructors and Teachers, Postsecondary	270	370	10	10	20	\$40,500	\$54,800 *	Master's degree

*Annual Wage.

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Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
O								
Obstetricians and Gynecologists	90	110	0	0	0	\$60.30	\$66.60	First professional degree
Occupational Health and Safety Specialists and Technicians	210	250	0	10	10	\$16.40	\$26.80	Bachelor's degree
Occupational Therapist Aides	90	120	0	0	10	\$8.30	\$9.90	Short-Term OJT
Occupational Therapist Assistants	180	240	10	10	10	\$11.40	\$14.90	Associate degree
Occupational Therapists	510	700	20	10	30	\$12.90	\$21.60	Bachelor's degree
Office Clerks, General	24,450	30,670	620	470	1090	\$7.40	\$10.40	Short-Term OJT
Office Machine Operators, Except Computer	1,090	1,170	10	40	50	\$8.10	\$12.30	Short-Term OJT
Operating Engineers and Other Construction Equipment Operators	4,070	4,920	90	90	180	\$12.10	\$16.10	Moderate OJT
Operations Research Analysts	2,460	3,160	70	80	150			Master's degree
Ophthalmic Laboratory Technicians	180	190	0	10	10	\$7.80	\$10.60	Moderate OJT
Opticians, Dispensing	520	680	20	10	30	\$8.20	\$10.60	Long-Term OJT
Optometrists	280	340	10	10	10	\$18.60	\$33.50	First professional degree
Order Clerks	3,030	2,990	0	60	60	\$8.70	\$11.60	Short-Term OJT
Outdoor Power Equipment and Other Small Engine Mechanics	300	400	10	10	20	\$7.70	\$10.80	Moderate OJT

*Annual Wage.

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Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
P								
Packaging and Filling Machine Operators and Tenders	3,560	4,530	100	80	180	\$7.70	\$10.30	Short-Term OJT
Packers and Packagers, Hand	6,750	8,360	160	170	330	\$6.10	\$8.00	Short-Term OJT
Painters, Construction and Maintenance	3,980	5,560	160	80	240	\$9.60	\$13.30	Moderate OJT
Painters, Transportation Equipment	270	350	10	10	10	\$11.10	\$15.80	Moderate OJT
Painting, Coating, and Decorating Workers	200	250	10	10	10	\$7.40	\$10.30	Short-Term OJT
Paper Goods Machine Setters, Operators, and Tenders	1,290	1,440	10	30	40	\$9.20	\$12.10	Moderate OJT
Paralegals and Legal Assistants	850	1,250	40	10	50	\$13.40	\$18.40	Associate degree
Parking Lot Attendants	660	920	30	10	40	\$6.00	\$7.10	Short-Term OJT
Parts Salespersons	1,980	2,220	20	60	80	\$8.90	\$12.90	Moderate OJT
Patternmakers, Metal and Plastic	70	70	0	0	0	\$7.60	\$12.40	Moderate OJT
Patternmakers, Wood	120	140	0	10	10	\$8.90	\$12.60	Long-Term OJT
Paving, Surfacing, and Tamping Equipment Operators	390	500	10	10	20	\$12.50	\$15.60	Moderate OJT
Payroll and Timekeeping Clerks	1,280	1,480	20	40	60	\$9.90	\$13.40	Short-Term OJT
Pediatricians, General	120	160	0	0	10	\$43.80	\$59.70	First professional degree
Personal and Home Care Aides	1,410	2,270	90	20	110	\$6.90	\$7.80	Short-Term OJT
Personal Financial Advisors	800	1,030	20	10	30	\$14.90	\$25.00	Bachelor's degree
Pest Control Workers	860	1,240	40	20	60			Moderate OJT
Pesticide Handlers, Sprayers, and Applicators, Vegetation	140	180	0	0	10	\$9.80	\$11.50	Moderate OJT
Petroleum Engineers	70	70	0	0	0			Bachelor's degree
Petroleum Pump System Operators, Refinery Operators, and Gaugers	310	320	0	10	10	\$16.30	\$21.70	Long-Term OJT
Pharmacists	1,780	2,740	100	50	150	\$29.20	\$35.80	First professional degree
Pharmacy Aides	260	350	10	10	20	\$7.40	\$9.90	Short-Term OJT
Pharmacy Technicians	1,710	2,770	110	40	150	\$9.50	\$11.90	Moderate OJT
Philosophy and Religion Teachers, Postsecondary	80	100	0	0	10			Doctoral degree
Photographers	460	680	20	10	30	\$8.60	\$15.90	Long-Term OJT
Photographic Process Workers	300	290	0	10	10	\$7.80	\$10.10	Moderate OJT
Photographic Processing Machine Operators	250	300	0	10	10	\$7.60	\$9.20	Short-Term OJT
Physical Therapist Aides	600	840	20	20	40	\$7.20	\$8.60	Short-Term OJT
Physical Therapist Assistants	250	350	10	10	20	\$11.70	\$15.00	Associate degree
Physical Therapists	900	1,250	30	20	60	\$18.30	\$25.40	Master's degree

*Annual Wage.

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Physician Assistants	370	520	20	10	20	\$21.70	\$31.80	Bachelor's degree
Physics Teachers, Postsecondary	110	150	0	0	10	\$44,500	\$81,900 *	Doctoral degree
Pile-Driver Operators	90	120	0	0	10			Moderate OJT
Pipelayers	1,260	1,640	40	20	60	\$9.50	\$12.70	Moderate OJT
Plasterers and Stucco Masons	1,400	1,810	40	30	70	\$10.90	\$15.10	Long-Term OJT
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	530	550	0	10	10	\$9.90	\$13.70	Moderate OJT
Plumbers, Pipefitters, and Steamfitters	4,040	5,120	110	70	180	\$13.30	\$19.10	Long-Term OJT
Police and Sheriff's Patrol Officers	3,600	5,510	190	80	270	\$13.30	\$17.20	Long-Term OJT
Police, Fire, and Ambulance Dispatchers	600	840	20	10	30	\$10.70	\$13.40	Moderate OJT
Political Science Teachers, Postsecondary	80	110	0	0	10	\$46,900	\$71,800 *	Doctoral degree
Postal Service Clerks	630	640	0	10	20	\$16.30	\$18.10	Short-Term OJT
Postal Service Mail Carriers	2,170	2,190	0	70	70	\$16.00	\$18.20	Short-Term OJT
Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,170	1,180	0	30	30	\$9.30	\$14.40	Short-Term OJT
Postmasters and Mail Superintendents	170	180	0	0	0	\$17.70	\$22.80	Related Experience
Pourers and Casters, Metal	160	190	0	10	10	\$10.90	\$13.90	Moderate OJT
Power Distributors and Dispatchers	70	70	0	0	0	\$18.60	\$24.00	Long-Term OJT
Power Plant Operators	500	540	0	20	20	\$17.60	\$23.40	Long-Term OJT
Prepress Technicians and Workers	870	890	0	20	20	\$7.60	\$12.50	Long-Term OJT
Preschool Teachers, Except Special Education	4,770	6,240	150	60	210	\$7.30	\$9.40	Bachelor's degree
Pressers, Textile, Garment, and Related Materials	510	680	20	10	20	\$6.00	\$7.00	Short-Term OJT
Printing Machine Operators	1,630	1,750	10	40	50	\$9.10	\$13.30	Moderate OJT

*Annual Wage.

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Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Private Detectives and Investigators	110	140	0	0	10	\$8.20	\$13.00	Related Experience
Probation Officers and Correctional Treatment Specialists	1,240	1,760	50	20	70	\$11.60	\$15.30	Bachelor's degree
Procurement Clerks	860	820	0	20	20	\$9.70	\$13.80	Short-Term OJT
Producers and Directors	300	410	10	10	20	\$20,000	\$45,000 *	Experience plus Degree
Production, Planning, and Expediting Clerks	2,540	3,090	60	40	100	\$9.00	\$15.00	Short-Term OJT
Proofreaders and Copy Markers	230	280	10	10	10	\$7.70	\$10.20	Short-Term OJT
Property, Real Estate, and Community Association Managers	1,910	2,890	100	40	130	\$7.10	\$16.10	Bachelor's degree
Psychiatric Aides	200	310	10	0	10	\$7.80	\$9.60	Short-Term OJT
Psychiatric Technicians	1,220	1,630	40	30	70	\$8.30	\$9.70	Vocational
Psychiatrists	120	180	10	0	10	\$33.90	\$54.40	First professional degree
Psychology Teachers, Postsecondary	170	230	10	10	10	\$42,400	\$60,900 *	Doctoral degree
Public Relations Specialists	930	1,390	50	20	60	\$13.30	\$19.70	Bachelor's degree
Pump Operators, Except Wellhead Pumpers	110	120	0	0	0			Moderate OJT
Purchasing Agents and Buyers, Farm Products	90	100	0	0	0	\$9.70	\$18.30	Related Experience
Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,750	2,120	40	40	70	\$14.30	\$21.20	Bachelor's degree
Purchasing Managers	780	830	0	30	30	\$14.80	\$26.30	Experience plus Degree

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
R								
Radiation Therapists	50	70	0	0	0	\$23.20	\$28.50	Associate degree
Radiologic Technologists and Technicians	1,060	1,460	40	20	60	\$14.00	\$17.20	Associate degree
Rail Car Repairers	60	60	0	0	0	\$19.00	\$20.80	Long-Term OJT
Rail Yard Engineers, Dinkey Operators, and Hostlers	140	160	0	10	10	\$14.90	\$17.60	Related Experience
Railroad Brake, Signal, and Switch Operators	240	140	0	10	10			Related Experience
Railroad Conductors and Yardmasters	450	550	10	20	30	\$17.80	\$22.30	Related Experience
Rail-Track Laying and Maintenance Equipment Operators	110	100	0	0	0			Moderate OJT
Real Estate Brokers	300	430	10	10	20	\$14.30	\$31.10	Related Experience
Real Estate Sales Agents	1,070	1,510	40	20	70	\$8.80	\$17.60	Vocational
Receptionists and Information Clerks	9,630	12,500	290	210	500	\$7.40	\$9.50	Short-Term OJT
Recreation and Fitness Studies Teachers, Postsecondary	190	260	10	10	10	\$32,400	\$49,500 *	Master's degree
Recreation Workers	3,120	4,470	140	70	200	\$6.00	\$8.70	Bachelor's degree
Recreational Therapists	340	460	10	10	20	\$8.20	\$13.30	Bachelor's degree
Recreational Vehicle Service Technicians	150	220	10	10	10	\$10.60	\$14.50	Long-Term OJT
Refuse and Recyclable Material Collectors	400	520	10	20	30	\$9.50	\$14.60	Short-Term OJT
Registered Nurses	14,100	20,110	600	290	890	\$17.60	\$22.00	Associate degree
Rehabilitation Counselors	590	760	20	10	30	\$8.00	\$14.00	Master's degree
Reinforcing Iron and Rebar Workers	260	360	10	0	10			Long-Term OJT
Reservation and Transportation Ticket Agents and Travel Clerks	4,320	5,350	100	120	220	\$8.10	\$12.70	Short-Term OJT
Residential Advisors	250	350	10	10	20	\$7.50	\$9.30	Moderate OJT
Respiratory Therapists	460	800	30	10	50			Associate degree
Respiratory Therapy Technicians	130	210	10	0	10	\$10.90	\$15.70	Vocational
Retail Salespersons	34,420	43,970	960	1320	2280	\$6.40	\$9.70	Short-Term OJT
Riggers	350	440	10	10	20			Short-Term OJT
Rock Splitters, Quarry	60	90	0	0	10	\$8.20	\$12.30	Moderate OJT
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	370	390	0	10	10	\$8.30	\$13.70	Moderate OJT
Roof Bolters, Mining	70	70	0	0	0	\$15.10	\$19.00	Moderate OJT
Roofers	1,610	2,260	70	40	110	\$8.10	\$12.40	Moderate OJT
Rotary Drill Operators, Oil and Gas	60	40	0	0	0	\$15.30	\$17.80	Moderate OJT
Roustabouts, Oil and Gas	530	440	0	20	20	\$8.40	\$12.10	Moderate OJT

*Annual Wage.

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replace- ments	Total	Entry	Average	
S								
Sales Engineers	2,190	2,940	80	60	130			Bachelor's degree
Sales Managers	3,300	4,610	130	50	180	\$16.20	\$29.80	Experience plus Degree
Sales Managers	580	870	30	10	40	\$16.20	\$29.80	Experience plus Degree
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	12,350	14,400	210	340	550	\$12.50	\$22.20	Moderate OJT
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	4,270	5,000	70	120	190	\$16.60	\$27.70	Moderate OJT
Sawing Machine Setters, Operators, and Tenders, Wood	410	470	10	20	20	\$7.20	\$10.20	Moderate OJT
Secondary School Teachers, Except Special and Vocational Education	7,180	10,300	310	220	530	\$30,500	\$44,600 *	Bachelor's degree
Secretaries, Except Legal, Medical, and Executive	11,480	13,010	150	200	350	\$8.50	\$11.20	Moderate OJT
Securities, Commodities, and Financial Services Sales Agents	3,470	3,420	0	30	30	\$15.40	\$29.80	Bachelor's degree
Security and Fire Alarm Systems Installers	190	280	10	0	10	\$13.80	\$19.40	Vocational
Security Guards	6,160	8,070	190	170	360	\$7.80	\$10.70	Short-Term OJT
Self-Enrichment Education Teachers	890	1,250	40	10	50	\$7.70	\$11.70	Related Experience
Semiconductor Processors	840	1,090	30	20	40			Associate degree
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	250	280	0	10	10	\$11.60	\$17.10	Moderate OJT
Septic Tank Servicers and Sewer Pipe Cleaners	50	70	0	0	0			Moderate OJT
Service Station Attendants	560	720	20	30	50	\$6.40	\$9.00	Short-Term OJT
Service Unit Operators, Oil, Gas, and Mining	190	160	0	10	10	\$12.00	\$14.60	Moderate OJT
Set and Exhibit Designers	70	110	0	0	10	\$8.00	\$12.80	Bachelor's degree
Sewers, Hand	70	50	0	0	0	\$6.10	\$7.20	Short-Term OJT
Sewing Machine Operators	2,000	1,560	0	20	20	\$7.00	\$9.70	Moderate OJT
Sheet Metal Workers	1,980	2,550	60	40	100			Moderate OJT
Shipping, Receiving, and Traffic Clerks	6,500	7,600	110	130	240	\$9.30	\$15.50	Short-Term OJT
Shoe and Leather Workers and Repairers	50	60	0	0	0	\$8.20	\$11.20	Long-Term OJT
Shuttle Car Operators	200	210	0	10	10			Short-Term OJT

*Annual Wage.

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Utah Occupational Projections 2000 - 2010

Alphabetical Listing

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	2000	2010	Growth	Replacements	Total	Entry	Average	
Skin Care Specialists	240	340	10	10	20	\$9.00	\$15.80	Vocational
Slaughterers and Meat Packers	420	500	10	10	20			Moderate OJT
Social and Community Service Managers	1,450	2,070	60	30	90	\$13.60	\$21.90	Bachelor's degree
Social and Human Service Assistants	3,460	5,660	220	50	270	\$7.40	\$10.50	Moderate OJT
Sociology Teachers, Postsecondary	80	100	0	0	10	\$40,600	\$63,500 *	Doctoral degree
Sound Engineering Technicians	350	410	10	10	20	\$6.20	\$10.40	Vocational
Special Education Teachers, Middle School	190	290	10	0	10	\$26,400	\$37,100 *	Bachelor's degree
Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,030	1,710	70	10	80	\$27,500	\$37,000 *	Bachelor's degree
Special Education Teachers, Secondary School	1,060	1,590	50	10	70	\$29,100	\$41,400 *	Bachelor's degree
Speech-Language Pathologists	570	900	30	20	50	\$14.00	\$21.10	Master's degree
Stationary Engineers and Boiler Operators	180	190	0	10	10	\$13.10	\$18.20	Long-Term OJT
Statistical Assistants	180	210	0	0	10	\$7.80	\$11.80	Moderate OJT
Statisticians	240	260	0	0	10	\$11.80	\$18.10	Master's degree
Stock Clerks and Order Fillers	12,490	15,120	260	450	710	\$7.30	\$10.10	Short-Term OJT
Stonemasons	160	220	10	0	10			Long-Term OJT
Structural Iron and Steel Workers	770	1,010	20	10	30	\$12.30	\$17.90	Long-Term OJT
Structural Metal Fabricators and Fitters	1,290	1,560	30	20	50	\$9.50	\$13.30	Moderate OJT
Substance Abuse and Behavioral Disorder Counselors	480	710	20	10	30	\$8.40	\$13.30	Master's degree
Surgeons	490	630	10	10	20	\$52.10	\$64.00	First professional degree
Surgical Technologists	490	750	30	10	40	\$10.20	\$13.70	Vocational
Survey Researchers	390	590	20	10	30	\$8.30	\$10.10	Bachelor's degree
Surveying and Mapping Technicians	670	920	30	20	50	\$10.70	\$13.90	Moderate OJT
Surveyors	550	680	10	20	30	\$9.70	\$17.80	Bachelor's degree
Switchboard Operators, Including Answering Service	1,470	1,400	0	40	40	\$7.40	\$9.50	Short-Term OJT

*Annual Wage.

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Utah Occupational Projections 2000 - 2010

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T								
Tailors, Dressmakers, and Custom Sewers	380	390	0	10	10	\$8.30	\$11.80	Related Experience
Tank Car, Truck, and Ship Loaders	160	210	0	10	10	\$11.20	\$14.50	Moderate OJT
Tapers	1,130	1,410	30	10	40	\$13.10	\$17.00	Moderate OJT
Tax Examiners, Collectors, and Revenue Agents	1,540	1,790	30	40	70	\$13.10	\$16.50	Bachelor's degree
Tax Preparers	210	290	10	0	10	\$9.70	\$22.40	Moderate OJT
Taxi Drivers and Chauffeurs	530	740	20	10	30	\$7.00	\$12.40	Short-Term OJT
Teacher Assistants	13,600	19,770	620	290	900	\$14,400	\$18,700 *	Short-Term OJT
Team Assemblers	14,570	16,770	220	260	480	\$8.00	\$10.60	Moderate OJT
Technical Writers	490	620	10	20	30	\$15.60	\$22.10	Bachelor's degree
Telecommunications Equipment Installers and Repairers, Except Line Installers	2,140	2,010	0	40	40	\$18.50	\$22.80	Vocational
Telecommunications Line Installers and Repairers	910	1,130	20	20	40	\$9.80	\$14.40	Long-Term OJT
Telemarketers	7,040	9,110	210	150	360	\$8.10	\$10.50	Short-Term OJT
Telephone Operators	230	150	0	10	10			Short-Term OJT
Tellers	4,280	4,600	30	210	240	\$7.70	\$9.20	Short-Term OJT
Textile Bleaching and Dyeing Machine Operators and Tenders	140	180	10	0	10			Moderate OJT
Textile Cutting Machine Setters, Operators, and Tenders	240	220	0	0	0	\$7.30	\$10.10	Moderate OJT

*Annual Wage.

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	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	50	10	0	0	0			Moderate OJT
Tile and Marble Setters	450	600	20	10	30	\$10.60	\$17.20	Long-Term OJT
Tire Repairers and Changers	900	1,070	20	30	50	\$6.50	\$8.70	Short-Term OJT
Title Examiners, Abstractors, and Searchers	930	1,120	20	10	30	\$13.00	\$20.60	Moderate OJT
Tool and Die Makers	270	290	0	10	10	\$12.40	\$17.80	Long-Term OJT
Tool Grinders, Filers, and Sharpeners	500	440	0	10	10			Moderate OJT
Tour Guides and Escorts	350	450	10	10	20	\$7.30	\$9.90	Moderate OJT
Traffic Technicians	150	200	0	10	10	\$9.50	\$11.80	Short-Term OJT
Training and Development Specialists	1,650	2,140	50	30	80	\$10.50	\$18.30	Bachelor's degree
Transportation Attendants, Except Flight Attendants and Baggage Porters	210	290	10	10	20	\$6.20	\$8.60	Short-Term OJT
Transportation Inspectors	300	350	10	10	10	\$12.90	\$20.40	Related Experience
Transportation, Storage, and Distribution Managers	1,190	1,580	40	20	60	\$17.30	\$27.20	Related Experience
Travel Agents	1,050	1,210	20	30	40	\$7.70	\$12.20	Vocational
Travel Guides	330	430	10	10	20	\$11.20	\$13.80	Long-Term OJT
Tree Trimmers and Pruners	850	1,090	20	20	50			Short-Term OJT
Truck Drivers, Heavy and Tractor-Trailer	18,890	23,410	450	270	720	\$12.00	\$17.30	Moderate OJT
Truck Drivers, Light or Delivery Services	8,250	10,290	210	120	320	\$7.80	\$12.00	Short-Term OJT

*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
U								
Umpires, Referees, and Other Sports Officials	50	60	0	0	0			Long-Term OJT
Upholsterers	600	590	0	20	20			Long-Term OJT
Urban and Regional Planners	250	350	10	10	20	\$14.80	\$22.00	Master's degree
Ushers, Lobby Attendants, and Ticket Takers	970	1,140	20	80	90	\$6.00	\$6.50	Short-Term OJT

*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
V								
Veterinarians	360	500	10	10	20	\$15.80	\$28.50	First professional degree
Veterinary Assistants and Laboratory Animal Caretakers	430	630	20	10	30	\$6.40	\$8.40	Short-Term OJT
Veterinary Technologists and Technicians	240	360	10	10	20	\$7.00	\$9.20	Associate degree
Vocational Education Teachers, Middle School	230	320	10	10	10	\$20,100	\$33,900 *	Bachelor's degree
Vocational Education Teachers, Postsecondary	1,920	2,650	70	50	130	\$13.20	\$19.40	Related Experience
Vocational Education Teachers, Secondary School	690	940	30	20	50	\$31,000	\$41,600 *	Bachelor's degree

*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
W								
Waiters and Waitresses	14,420	17,810	340	810	1150	\$6.00	\$7.60	Short-Term OJT
Water and Liquid Waste Treatment Plant and System Operators	800	1,140	30	30	60	\$12.90	\$16.40	Long-Term OJT
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	600	780	20	20	30	\$8.80	\$13.20	Short-Term OJT
Welders, Cutters, Solderers, and Brazers	4,130	5,320	120	120	240	\$10.20	\$13.70	Vocational
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	470	540	10	10	20	\$9.20	\$12.30	Moderate OJT
Wellhead Pumpers	140	120	0	0	0	\$13.60	\$18.40	Moderate OJT
Wholesale and Retail Buyers, Except Farm Products	1,070	1,160	10	30	40	\$10.00	\$20.10	Bachelor's degree
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	470	510	0	20	20	\$7.10	\$11.00	Moderate OJT
Word Processors and Typists	820	800	0	20	20	\$7.90	\$11.40	Moderate OJT
Writers and Authors	1,280	1,840	60	30	80	\$8.80	\$14.90	Bachelor's degree

*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

Utah Occupational Projections 2000 - 2010

Alphabetical Listing

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Z								
Zoologists and Wildlife Biologists	190	220	0	10	10	\$15.70	\$22.20	Doctoral degree

*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.